

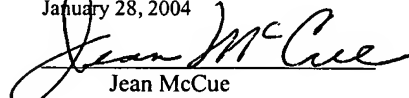
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MATHER et al.)
Serial No.: 10/620,644)
Filing Date: July 16, 2003)
Group Art Unit 1713)
Confirmation No. 1464)
Examiner)
Title of Application: Nonionic Telechelic Polymers
Incorporating Polyhedral
Oligosilsequioxane (POSS) and Uses
Thereof

37 C.F.R. § 1.8 Certificate of Mailing

I hereby certify that this correspondence is today being deposited with the U.S. Postal Service in an envelope with appropriate postage affixed thereto and addressed to Commissioner for Patents and Trademarks, Washington, D.C. 20231.
January 28, 2004


Jean McCue

January 28, 2004

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

**TRANSMITTAL OF SECOND INFORMATION DISCLOSURE STATEMENT
BEFORE THE MAILING OF FIRST OFFICE ACTION**

Sir:

In accordance with 37 C.F.R. §1.56, the materials listed on the attached form PTO-1449 and enclosed herewith are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application.

The filing of this information disclosure statement shall not be construed to be a representation that a search has been conducted, nor shall it be construed as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

It is respectfully requested that the Examiner return a copy of the attached form PTO-1449 with initials or other appropriate marks indicating consideration of the cited materials.

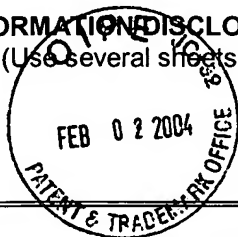
Respectfully submitted,

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Form PTO-1449 (modified 2/91)	U.S. DEPT OF COMMERCE Patent and Trademark Office	Attorney Docket Number: 883933.0088	Serial No.: 10/620,644
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicants: MATHER et al.	Confirmation No. 1474
		Filing date: July 16, 2003	Group Art Unit: 1713



U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Inventor	Class	Sub class	Filing date if appropriate
	5,484,867	01/16/96	Lichtenhan et al.			
	5,589,562	12/31/96	Lichtenhan et al.			
	5,939,576	08/17/99	Lichtenhan et al.			
	5,942,638	08/24/99	Lichtenhan et al.			
	6,100,417	08/08/00	Lichtenhan et al.			

FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Sub class	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Vorobyova, O. et al., "Fluorescent Probe Studies of the Associate in an Aqueous Solution of a Hydrophobically Modified Poly(ethylene oxide)" <i>Macromolecules</i> 1998, 31, pp.8998-9007
	Preuschen, J., et al., "Aggregation Behavior of a Symmetric, Fluorinated, Telechelic Polymer System Studied by F ¹⁹ NMR Relaxation," <i>Macromolecules</i> 1999, 32, pp. 2690-2695
	Nagashima, K., et al., "Diffusion of Model Hydrophobic Alkali-Swellable Emulsion Associative Thickeners," <i>Macromolecules</i> 2000, 33, pp.9329-9339
	Lee, W.K. et al., "Synthesis and Surface properties of Fluorocarbon End-capped Biodegradable Polyesters," <i>Macromolecules</i> 2001, 34, pp. 3000-3006
	Maus, C., et al., "Shear thickening of halato-telechelic polymers in apolar solvents," <i>Polymer</i> Vol. 36, No. 10, 1995, pp. 2083-2088
	Alami, E., et al., "Aggregation of Hydrophobically End-Capped Poly(ethylene oxide) in Aqueous Solutions," <i>Macromolecules</i> 1996, 29, pp 2229-2243
	Tirtaatmadja, V., et al., heological Properties of Model Alkali-Soluble Associative (HASE) Polymers: Effect of Varying Hydrophobe Chain Length," <i>Macromolecules</i> 1997, 30, pp. 3271-3282
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	Bhargava, s. et al., "Effect of Water on Viscosity and Shear-Thickening Behavior of Telechelic Ionomers in Nonpolar Sovents," <i>Macromolecules</i> 1998, 31, pp. 508-514

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	